

Access DB# 95138

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: TRUSAR, JVC Examiner #: 69332 Date: 3/28/03
Art Unit: 1711 Phone Number 308-2437 Serial Number: 09/994998
Mail Box and Bldg/Room Location: 3/1729 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____
Inventors (please provide full names): _____

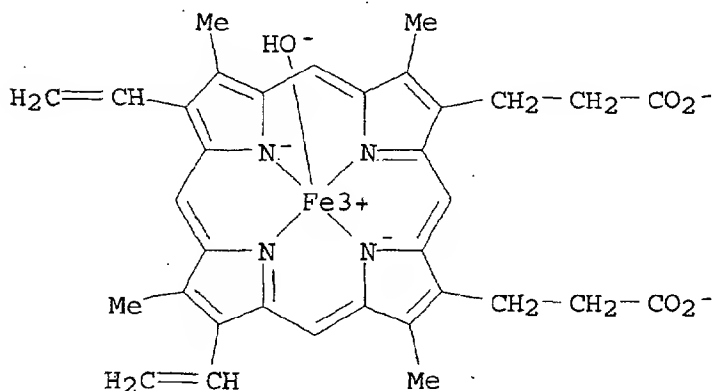
Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Per - Hematin or Hematin in Fig. 1. E. hanks

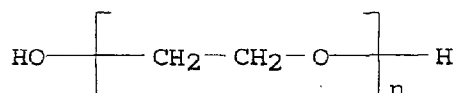
STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher: <u>EL</u>	NA Sequence (#) _____	STN <u>\$234.14</u>	
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____	
Searcher Location: _____	Structure (#) <u>(3)</u>	Questel/Orbit _____	
Date Searcher Picked Up: _____	Bibliographic <u>(and)</u>	Dr. Link _____	
Date Completed: <u>5-28-03</u>	Litigation _____	Lexis/Nexis _____	
Searcher Prep & Review Time: <u>5</u>	Fulltext _____	Sequence Systems _____	
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____	
Online Time: <u>105</u>	Other _____	Other (specify) _____	

- catalyst tailored for water sol. electroactive polymer synthesis)
- IT 15489-90-4D, Hematin, reaction product with
PEG 25322-68-3D, PEG, reaction product
with hematin
(hinged iron porphyrin catalyst tailored for water sol.
electroactive polymer synthesis)
- L37 ANSWER 8 OF 12 HCA COPYRIGHT 2003 ACS
128:162418 Electrochemical separation utilizing metalloporphyrins and
metallophthalocyanines. Przybycien, Todd M.; Lam, Philippe; Wnek,
Gary E.; Elliker, Peter R. (Rennselaer Polytechnic Institute, USA).
U.S. US 5711867 A 19980127, 19 pp. (English). CODEN: USXXAM.
APPLICATION: US 1995-413877 19950328.
- AB A method of sepg. a material from a liq. sample comprising:
providing a system for material sepn. having a stationary phase
having a metalloporphyrin coordination compd. or a
metallophthalocyanine coordination compd. or a mixt. thereof;
oxidizing or reducing the coordination compd., resp., to an oxidized
or reduced state at which the material will bind to the compd.;
applying a source of elec. potential to the system; and contacting
the oxidized or reduced coordination compd. with a liq. sample
contg. the material under conditions effective to sep. the material
from the liq.
- IT 15489-90-4, Hematin
(biol. materials sepn. in liq. samples by electrochem. chromatog.
using metalloporphyrins and metallophthalocyanines as stationary
phases)
- RN 15489-90-4 HCA
CN Ferrate(2-), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-
2,18-dipropanoato(4-)-.kappa.N21,.kappa.N22,.kappa.N23,.kappa.N24]hy
droxy-, dihydrogen, (SP-5-13)-(9CI) (CA INDEX NAME)



2 H⁺

IT 25322-68-3, Polyethylene glycol
 (biol. materials sepn. in liq. samples by electrochem. chromatog.
 using metalloporphyrins and metallophthalocyanines as stationary
 phases and heme immobilization onto glassy carbon surface)
 RN 25322-68-3 HCA
 CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (9CI) (CA
 INDEX NAME)



IC ICM B01D017-06
 ICS B01D015-08; C25B011-00; B03C005-02
 NCL 205688000
 CC 80-4 (Organic Analytical Chemistry)
 Section cross-reference(s): 3, 9, 29, 33, 34
 IT 553-12-8, Protoporphyrin IX 7439-89-6D, Iron, metalloporphyrins
 and metallophthalocyanines, analysis 7439-96-5D, Manganese,
 metalloporphyrins and metallophthalocyanines, analysis 7440-02-0D,
 Nickel, metalloporphyrins and metallophthalocyanines, analysis
 7440-18-8D, Ruthenium, metalloporphyrins and metallophthalocyanines,
 analysis 7440-32-6D, Titanium, metalloporphyrins and
 metallophthalocyanines, analysis 7440-48-4D, Cobalt,
 metalloporphyrins and metallophthalocyanines, analysis 7440-62-2D,
 Vanadium, metalloporphyrins and metallophthalocyanines, analysis
 14285-56-4, Iron phthalocyanine chloride 14459-29-1,
 Hematoporphyrin IX 15489-90-4, Hematin
 (biol. materials sepn. in liq. samples by electrochem. chromatog.
 using metalloporphyrins and metallophthalocyanines as stationary
 phases)
 IT 538-75-0, Dicyclohexylcarbodiimide 1122-58-3, DMAP 7440-44-0,
 Carbon, analysis 14875-96-8, Heme 25322-68-3,
 Polyethylene glycol
 (biol. materials sepn. in liq. samples by electrochem. chromatog.
 using metalloporphyrins and metallophthalocyanines as stationary
 phases and heme immobilization onto glassy carbon surface)

L37 ANSWER 9 OF 12 HCA COPYRIGHT 2003 ACS
 123:17990 Oxygen-transporting aqueous emulsions containing
 iron-porphyrin complexes. Tsuchida, Hidetoshi; Nishide, Hiroyuki;
 Komatsu, Teruyuki; Matsubuchi, Eriko (Seisan Kaihatsu Kagaku
 Kenkyus, Japan; Nippon Oils & Fats Co Ltd). Jpn. Kokai Tokkyo Koho
 JP 06263641 A2 19940920 Heisei, 6 pp. (Japanese). CODEN: JKXXAF.
 APPLICATION: JP 1992-137563 19920501.

GI

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FILE 'REGISTRY' ENTERED AT 17:39:11 ON 28 MAY 2003
E POLYETHYLENE OXIDE/CN
L1 1 SEA "POLYETHYLENE OXIDE"/CN
L2 1 SEA 25322-69-4
ACT EOEGPOPG/A

L3 (9682)SEA 75-21-8/CRN
L4 (21863)SEA 107-21-1/CRN
L5 (9283)SEA 75-56-9/CRN
L6 (8413)SEA 57-55-6/CRN
L7 (7690)SEA (L3 OR L4) AND (L5 OR L6)
L8 11 SEA L7 AND 2/NC

E HEMATIN/CN
L9 1 SEA HEMATIN/CN

FILE 'LCA' ENTERED AT 17:47:11 ON 28 MAY 2003
L10 0 SEA (L9 OR L9/D OR L9/DP OR HEMATIN#) (3A) (POLYALKOXYLAT?
OR POLYPROPXYLAT? OR POLYETHOXYLAT? OR POLYOXYALKYL? OR
POLYOXYETHYL? OR POLYOXYPROPYL? OR POLYOXY(2A) (ETHYL? OR
PROPYL? OR ALKYL?) OR PEGYLAT? OR (PEG OR PPG) (A)YLAT?
OR (POLYPROPYLENE# OR POLYETHYLENE#) (2A) (GLYCOL# OR
OXIDE#))

FILE 'HCA' ENTERED AT 17:53:08 ON 28 MAY 2003
L11 7 SEA (L9 OR L9/D OR L9/DP OR HEMATIN#) (3A) (POLYALKOXYLAT?
OR POLYPROPXYLAT? OR POLYETHOXYLAT? OR POLYOXYALKYL? OR
POLYOXYETHYL? OR POLYOXYPROPYL? OR POLYOXY(2A) (ETHYL? OR
PROPYL? OR ALKYL?) OR PEGYLAT? OR (PEG OR PPG) (A)YLAT?
OR (POLYPROPYLENE# OR POLYETHYLENE#) (2A) (GLYCOL# OR
OXIDE#))
L12 87835 SEA L1 OR L2 OR L8
L13 808 SEA L9
L14 22 SEA L9/D OR L9/DP
L15 3 SEA L14 AND L12
L16 6 SEA L13 AND L12

FILE 'REGISTRY' ENTERED AT 19:46:55 ON 28 MAY 2003
D L9 RN

FILE 'LREGISTRY' ENTERED AT 19:46:56 ON 28 MAY 2003